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INSECT CONTROL REPORT, SAN BERNARDINO NATIONAL FOREST

D. M. TUCKER
MINNELUSA; CALIFORNIA
MAY 30, 1939

S - Control
San Bernardino
Insects

Big Bear Ranger Station
Minnelusa, California
May 30, 1939

FOREST SUPERVISOR:

The attached sheet gives the final cost of the insect control operations on the Big Bear Ranger District beginning in January and ending this month. The costs are good, I believe, considering that untrained CCC boys were used and the attendent restrictions imposed upon a job were regulations are at times hampering the speed of the work. I wish to mention that not a single serious accident occurred which can be attributed to the conscientious work of Mr. James M. Grahm, forman on the job.

I wish to urgently recommend that this work be again continued this coming winter and that the funds be made available to the fores by October 15th as it is possible to get in some fall work. The situation is far from being epidemic and is advisable only because of the high recreational value of the stand.

The Bureau of Entomology has been very helpful and their advice has been of good aid in making this job a success.

D. M. TUCKER, District Ranger

INSECT CONTROL WORK

BIG BEAR RANGER DISTRICT
1939

$459.60 Expended on labor wages
71.69 Transportation costs
20.81 Material and expenses
$552.10 Total expended from allotment

155,392 bd. ft. cut---------- $3.55 Per M
129 trees cut---------- 4.28 per tree

CONTRIBUTED TIME AND LABOR

Ranger's contributed time 148 hours---------- $137.25
Enrollees time @ $2.00 day, 311.5 Man day----- 623.00
$760.25
Expended from allotment 552.10
Total $1312.35

Total cost per M---------- $8.45
Total cost per tree------- $10.17

Forest: San Bernardino

Project: Santa Ana drainage in Big Bear Ranger District

Duration: January 3rd to February 28th, 1939

Tree Species: All Jeffrey Pine

Insects: Dendroctnous jeffreii and flatheads predominate

Ttoal acreage (approximate) 12,000 acres

Method: Peeling and burning

Number of trees spotted: 68

Number of trees cut: 68

Expended from CCC funds: 165.5 enrollees Man days @ $2.00 day--$331.00

Expended from Regular funds: $243.60 for labor; Ranger's time 70 hours, $66.00

Expended from contributed time and expenses: $66.00 plus $12.00 -- $78.00

Total cost of project: $652.00

Cost per tree: $6.27

Results: good.

Per cent of reduction (estimate) : 80%

D. M. TUCKER, District Ranger
May 30, 1939

Forest: San Bernardino

Project: Bear Valley Area, Big Bear Ranger Station

Duration: March 2 to March 31, 1939

Tree species: Jeffrey pine

Insects: Jeffrey pine beetle and flathead

Total acreage (approximate) 3,000 acres

Method: Peeling and burning

Number of trees spotted: 30

Number of trees cut: 30

Expended from CCC funds: 85 man days @ $2.00 day---$170

Expended from regular funds: $105.60

Expended from contributed time and expenses: Ranger's 70 hrs. $71.25

Total cost of project: $346.25

Total cost per tree: $11.25

Reults: good on the area treated. A predominance of private land in this area.

Per cent of reduction (estimate) in area treated: 99%

Forest: San Bernardino

Project: Big Pine Flats, Big Bear Ranger District

Duration: May 1, to 28, 1939

Tree species: Jeffrey pine.

Insects: Jeffrey pine beetle and flat heads

Total acreage (estimate) 3000

Method: Peeling and burning

Number of trees spotted: 31

Number of trees treated: 31

Expended from CCC funds: 61 man days @ $2.00----$122.00

Expended from regular funds: $110.40

Expended from contributed time: none

Total cost of project: $232.40

Total cost per tree: $7.50

Results: Fair.

Percent of reduction: 60% : all funds expended before completion of job.

D. M. TUCKER, District Ranger

COPY

S - San Bernardino
Control - Insects
Arrowhead District
1938-1939

Arrowhead R. S.
Skyforest, Calif.
June 5, 1939

Forest Supervisor:

In response to letters of Dec. 21, 1938 and May 25, 1939 I am submitting below a report on insect control work for the 1938-39 season.

Strawberry Area

No. of Trees Spotted	No. trees treated	Expenditures Insect Con. Fund: Transportation	Material	Sal	CCC Enroll Man Days	Cost Excl. of Cont. Time	Direct cost per Treated Tree	Contrib. Time at $2600.
81	80	-	-	181.06	1349	181.06	$2.25	98 hrs.

Snow Valley Area

51	51	2.42	16.39	129.60	346	148.41	$2.54	29 hrs.

Totals for Arrowhead District

132	131	2.42	16.39	310.66	1695	329.47	$2.51	127 hrs.

Spotting began early in January in the Strawberry Peak area on the west side of Strawberry Peak and was carried on during January and February sufficiently in advance of treating crews so they would not overtake the spotter. The treating of this area was done entirely with CCC enrollees from the North Shore Spike camp under supervision of a foreman paid from insect control funds. The area treated by this crew extended from Baylis Picnic Ground on the High Gear road to Skyforest and from Strawberry Flats special use trant and Lake Arrowhead property to the High Gear road on Government lands only. Weather conditions became difficult on account of snow for a period during February but work was carried on where possible and until the pine needles dried enough to make burning dangerous at which time the work was suspended.

The work in the Snow Valley area began late in March and was carried through April with ideal weather conditions for most of the job. The Big Bear spike camp furnished enrollees for this job under the supervision of a foreman paid from insect control funds. Most of this treating was done above and below the Snow Valley Public Camp, generally averaging within a quarter of a mile of the highway. This is all Government land. Most of the infestation was in Jeffry Pine, however, quite an outbreak of d.b. in Coulter Pine on the south slope above the highway and below Snow Valley proper was encountered.

It is hoped funds will be available for further work in cleaning up this area during the winter of 1939-40.

GEORGE P. LANG
District Ranger